

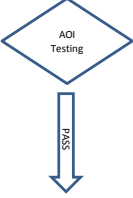

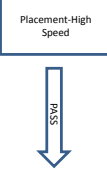

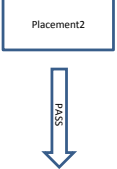



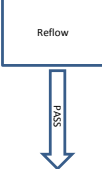

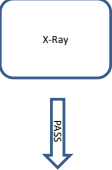

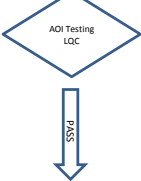

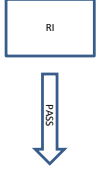

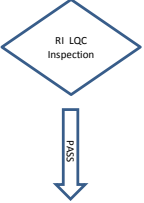

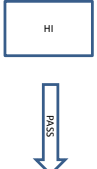

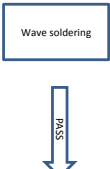

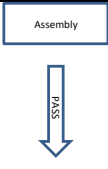

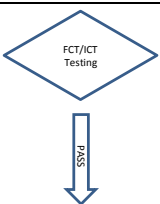

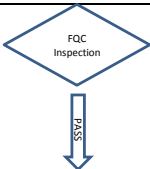
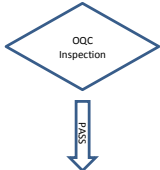
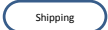


## What is PCB Assembly Manufacturing Process? - Giant Product line

Station	Flow Chart	Equipments	Attention point
SMT Printing Side A/B		Panasonic SP28 	According to authoritative statistical analysis, in the entire PCBA assembly process, about 70% of defects occur at this station. Therefore, professional technology, personnel, and high-precision equipment are the guarantee of high-level product quality.
AOI Testing		OMRON VP5200 	High-precision testing equipment improves the probability of finding problems in advance and is also a barrier to quality assurance.
Placement-High Speed		Panasonic CM602/402 	The responsibility of the personnel determines the quality of the placement!
Placement-Multi-Function Machine		Panasonic CM401 	The responsibility of the personnel determines the quality of the placement!
AOI Testing		OMRON VP5200 	High-precision testing equipment improves the probability of finding problems in advance and is also a barrier to quality assurance.
Reflow		Reflow 28 temperature areas 	According to authoritative statistical analysis, this is another key point in SMT technology. About 30% of defects will occur in this position. Therefore, a strong technical team is required to support.
X-Ray Inspection		Dage XL-6500 	If PCBA have been mounted with such BGA/QFN etc.components,then, it's needed to use x-ray inspecting.
LQC Inspection		OMRON AOI LQC Inspection 	Adopt IPC610D-I/II/III appearance inspection standard implementation, according to special requirements, the factory should treat it specially. X-Ray Inspection if needed.

<p>RI Process</p>		<p>Panasonic RH3/RH5</p> 	<p>The responsibility of the personnel determines the quality of the placement!</p>
<p>LQC Inspection</p>		<p>LQC Inspection</p> 	<p>Adopt IPC-610D appearance inspection standard implementation, according to special requirements, the factory should treat it specially.</p>
<p>Handing Insertion</p>		<p>Handing Insertion</p> 	<p>Standard operating procedures and qualified operators are the basic requirements to ensure quality.</p>
<p>Wave soldering</p>		<p>Suneast Ware soldering</p> 	<p>The importance of this station is just like the solder paste printing station in the SMT station, which requires very professional technology to ensure quality.</p>
<p>Assembly Process</p>		<p>Assembly process</p> 	<p>Standard operating procedures and qualified operators are the basic requirements to ensure quality.</p>
<p>FCT/ICT Testing</p>		<p>FCT/ICT Testing</p> 	<p>According to the requirements of different products, the functional test items are strictly executed according to the requirements. ICT/FCT is not the only one test requirements in the product.</p>
<p>FQC Inspection</p>			<p>Adopt IPC-610D appearance inspection standard implementation, according to special requirements, the factory should treat it specially.</p>
<p>OQC Inspection</p>			<p>Strictly implement the MIL-105E inspection requirements.</p>
			<p>CSR dept. need follow the feedback from customer</p>